

IRISH WAR FRONT BEING EXTENDED

Pettigoe Recaptured by
British—Fighting
Along Border

ULSTER IS AROUSED

Assassination of Justice
Flanagan Arouses Ire of
Province Folks

By the Associated Press.

LONDON, June 5.—British troops have driven the Sinn Féin invaders from their main positions in Ulster territory and a large part of the border between northern and southern Ireland is now virtually a battle front.

The village of Pettigoe, on the Fermanagh-Donegal border was recaptured from the Sinn Féin invaders yesterday and the southern forces are reported to have evacuated Pettigoe, 10 miles to the southwest. The discrepancy between the official communication, with its statement that three Sinn Féin leaders and one Lewis gun captured and the more detailed press reports of the British storming the place and inflicting "heavy losses" has yet to be reconciled.

Seasoned Troops Called.

The military has taken over much of the boundary line and the Sinn Féin now face seasoned and well-armed troops with artillery instead of the special Ulster constabulary men.

The Daily News, having its information on a dispatch from its correspondent at Enniskillen, declares that the crisis has been deliberately taken for political purposes and the provocation to the southern forces is the Ulster side of the border. The Herald prints a report from Chatham that several warships about to leave believed to be Ireland and that the war in Ireland will have under instructions not to leave port.

News dispatches from Ulster declare feeling there has been embittered by the murder of Magistrate Flanagan which caused a great sensation. The victim had lately sentenced many offenders under the Criminal act and often had been threatened. He was accompanied to the cathedral at Newry, where the shooting took place, by his sister, who was seized and assaulted but he threw her off and escaped with his companions in an automobile into Lough county which is Free State territory and where they consequently could not be pursued by northern authorities.

Much attention is focused on the question of proposed Irish constitution and its allied issues. Premier Lloyd George is expected to arrive from Wales tonight in readiness to meet the Irish representatives, who it is believed will return tomorrow. Resumption of the negotiations is expected soon after their arrival.

MID-CONTINENT OIL MAY CLIMB

Continued from page one
and development that has held up the production at Slick, and the chances are that the Bristol-Dewey production will be maintained. It has been the history of Dutch production, however, that the flashier is the quicker the water will rise. There has been no sign of this in the big 15-8 well, although as is to be expected when such a pressure is shown, the well right from the start has made a small percentage of heavy oil. The Bristol-Dewey territory may not be such a serious price advance as it is now a few months hence as it is now.

Remarkable Results in Medicine

Young Man From Bartlett, Kan.,
Gains 29½ Pounds in
Eighteen Days

Results Due to Correct Diagnosis
and Scientific Treatment.

Wonderful strides have been made in medicine. Where formerly you took great masses of medicine in your stomach, latest discoveries have proven that direct to the blood stream methods, or what is known as intravenous medication, yields remarkable results.

The following from Mr. Gillett not only proves the value of correct diagnosis, but of this more scientific method of treatment.

"I have been suffering for about a year and a half and was treated by a number of doctors. Some of them pronounced by condition as tuberculosis, others would diagnose my case as first one thing and another. I called on the Inter-State Doctors. They examined me and I placed myself in their care. In 13 days time I gained 29½ pounds. I heartily recommend the Inter-State Doctors."

M. L. GILLETTE.

They have helped thousands back to health. Some have been cured of such ailments as varicose veins and other enlargements.

The diseases treated by the Inter-State Doctors are all chronic diseases of the blood, including catarrh, rheumatism, indigestion, constipation, nervousness, loss of nerve force, goiter, gall stones, diseases of women and diseases of men.

Consultation and examination free.

The Tulsa offices are at 218-219 Security building, corner Second and Main streets. Office hours are 9 to 5, evenings 7 to 9, Sundays 10 to 12, only. Advertisement.

Fifteen Minutes of Radio Each Day

By EDWARD N. DAVIS
Formerly Technical Electrical Expert for U. S. Government
(Copyright 1922, by United Feature Syndicate)

LESSON NO. 67. The Counterpoise.

One of the most efficient methods of grounding a radio system is by means of a combination of wires, somewhat similar to the aerial system, is by means of a combination of wires, somewhat similar to the aerial system, suspended a very short distance above the earth's surface. This group of wires, which should be at least as many wires as the aerial, is called the counterpoise. Commercial radio stations usually employ an aerial system supported by two masts or towers, with the apparatus installed in a building at the base of the lead-in which is usually taken from the center of the flat top of the aerial. The counterpoise may consist of a wheel radiating like spokes of a wheel from the station. The counterpoise is usually supported on short poles 10 or 12 feet from the ground with insulators at the points of support. The wires are, in general, somewhat longer than the aerial, and are connected to the center of the flat top of the aerial. There are sometimes as many as 30 wires every 10 degrees.

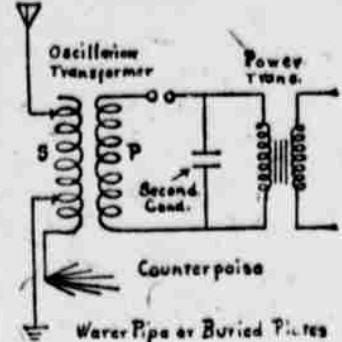
Amateur stations which employ cage type aerials often use a second cage for the counterpoise which is generally hung a short distance above the ground usually about 8 or 10 feet.

The fundamental wave length of an aerial system is slightly less when a counterpoise is used than when an actual ground is available. This is because the effect of the counterpoise is similar to placing a series condenser in circuit with an aerial system employing an actual ground. The total effective capacity of the circuit is reduced, hence a reduction in wave length.

Portable radio stations such as those of the army sometimes employ a type of counterpoise ground which consists of insulated wires reeled out on the ground under the aerial. The outer ends of these insulated wires are carefully insulated. It is sometimes desirable to employ both the counterpoise ground and an actual ground connection on the same transmitter. If this is done the real ground should be buried so as to balance the counterpoise by connection to the secondary of the excitation transformer at the proper point to secure an equal distribution of current in the two circuits. The diagram shows how the system is connected.

Airplanes equipped with radio apparatus make use of a trailing wire antenna which may be coiled up when landing. The so-called ground connector, is made on the metal framework of the engine. Small aerial systems built into the wings are found to have a very limited range. The trailing wire antenna is extremely directional a fact which was a source of considerable trouble in operations with airplanes during the World War.

Radio sets mounted in railroad trucks are grounded on the metal trucks which are of course metallically connected to the rails. Sets installed in automobiles either employ a coil or loop antenna or a small capacity antenna with the ground on the engine and steel frame of the car.



Counterpoise and Actual Ground combined

Reconstructing Midland-World Radio Station

Defects in the Midland Refining company-Tulsa World broadcasting station—WEH—are now being corrected, but in the meantime the service has been canceled for several days. It is hoped that the broadcasting features may be resumed by Thursday evening. It is possible that it may be resumed Wednesday.

Evidence of how the past week's broadcasting was received is indicated by the following excerpts from letters received by the radio editor of the World:

Received your radio concert very distinct. Could hear every announcement on one bulb, and tuner of home construction.—F. E. Reamer, Independence, Kan.

Your music came in fine last night on my one bulb.—Electric Repair & Mfg. Co., Waterloo, Iowa.

I received your station here on one bulb, using the steam system of the house for an aerial. Modulation excellent and music loud.—F. W. Mann, Ponca City, Okla.

This is to advise you that I received your concert using a crystal detector, tuning coil and one pair of phones. Could be heard very loudly.—Bob Fuller, Vero, Okla.

Heard you very loudly here on one bulb. Modulation fine, music excellent.—Nelson M. Connet, Pittsburg, Kan.

Music fine and very loud. Play several more pieces.—S. F. Grubb, Vinita, Okla. (telegram).

I received your concert at 8 p. m. It sure was good and so loud that I sure was glad to hear it. We are about 300 miles from Tulsa.—Ira Buckner, Oregon, Mo.

Your new broadcasting station works almost perfectly for us here. Your speaker is excellent and the concert comes in better than the stations at Kansas City.—Edward Rash, Thayer, Kan.

I heard your station with ease on the first night that you transmitted. I could hear you just as well without a ground connection.—Andrey O'Neal, Harper, Kan.

Your broadcasting is perfect, very loud and clear. P. F. Villipigne, Chanute, Kan.

I heard your station this morning at 10:30 a. m. very loud and clear.—John Edwards, Terrell, Texas.

FREEDOM IS AIM OF PHILIPPINES

Filipino Leader Comes to
Ask Harding to Free
Islands

SAN FRANCISCO, June 5.—"Immediate and absolute independence" for the Philippines is the goal sought by the Philippine mission which will confer with President Harding in Washington June 16.

Manuel Quezon, president of the Philippine senate and head of the mission, made this announcement here today.

Although he declined to make the text of the communication from the Philippine senate to President Harding public, he said the document is one of the "strongest demands yet made for the autonomy of the Philippine islands."

"In 1916 the American people, through their constitutional representatives, the congress of the United States, solemnly pledged in the Jones law, the organic act of the Philippines, to recognize our independence as soon as a stable government could be established," said a statement by Quezon.

"The people of the Philippine islands have abundantly stated their capacity to set up and maintain a stable government—in fact, such a government has been established by the Filipino people and has been in operation for several years."

"The Filipino people have thus more than sufficiently fulfilled the sole condition precedent to the recognition of their independence. Therefore, the Filipino people will no longer delay the performance of their own part of the agreement between the two countries."

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BRING CHARITIES UNDER ONE HEAD

Ministerial Alliance De-
votes Meeting to Study
of Matter

Coordination of charities, the subject about which so much discussion centered a little more than a year ago held the attention of the ministers of the city at the regular weekly meeting of the Ministerial alliance Monday.

The discussion was relative to the charitable work done by the churches and by the County humane society and the possibility of centralizing all such efforts with the society as the channel through which the churches would work.

Reverend W. C. Anderson, pastor of the First Baptist church and president of the alliance was asked to investigate such a proposition and report back to the alliance.

The necessity of a trained worker to investigate requests for aid and to determine the worthiness of the petitioners is the chief reason for the correlation of charities such as that discussed by the alliance, it was said.

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DOUBLE TAX INVALID

Supreme Court Rules Collectors
Cannot Collect Penalties Un-
der Volstead Act.

WASHINGTON, June 5.—The supreme court of the United States today declared invalid the double tax and penalty provision of the prohibition law for illegal manufacture and sale of liquor.

The test case was brought by Ernest Lipke of Philadelphia against Internal Revenue Collector Lederer.

Lipke filed a complaint in the lower federal court asking an injunction restraining Collector Lederer from proceeding to collect the taxes and penalties imposed under the national prohibition law. The injunction was denied and his suit was dismissed. The supreme court's decision today held the injunction should have been granted.

The Measure of Art.
Friend (in studio)—What is this picture intended to represent?
Artist—A month's rent, if I can work it off on the landlord.

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GIRLS! LEMONS WHITEN THE SKIN

Squeeze the juice of two lemons
into a bottle containing three ounces
of Orchard White, which any drug
store will supply for a few cents
shake well, and you have a quarter
pint of harmless and delightful
lemon bleach. Massage this sweetly
fragrant lotion into the face, neck,
arms and hands each day, then
shortly note the beauty and white-
ness of your skin.

Famous stage beauties use this
lemon lotion to bleach and bring
that soft, clear, rosy-white com-
plexion, also as a freckle, sunburn
and tan bleach, because it doesn't ir-
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